



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**REGION 8**

**999 18<sup>TH</sup> STREET - SUITE 500**

**DENVER, CO 80202-2466**

**<http://www.epa.gov/region08>**

**Ref: EPR ER**

**INITIAL OIL POLLUTION REPORT**

**Hot Springs Refinery**

**Hot Springs, SD**

**I. BACKGROUND**

<b>Date:</b>	<b>May 4, 2001</b>
<b>Subject:</b>	<b>Hot Springs Refinery; Hot Springs, SD</b>
<b>POLREP No.:</b>	<b>POLREP 1</b>
<b>OSC Name:</b>	<b>Joyce Ackerman</b>
<b>Agency:</b>	<b>EPA</b>
<b>Unit:</b>	<b>Region VIII</b>
	<b>Emergency Response Program</b>
	<b>999 18th Street, Suite 300</b>
	<b>Denver, Colorado 80202</b>
	<b>(303) 312-6822</b>
<b>Party Conducting the Action:</b>	<b>EPA</b>
<b>Federal Project # (FPN):</b>	<b>N01243</b>
<b>Date Current Action Started:</b>	<b>4-2-2001</b>

**II. SITUATION**

<b>Date of Original Notification:</b>	<b>4-2-2001</b>
<b>Material Involved:</b>	<b>Crude Oil</b>
<b>Quantity Discharged:</b>	<b>Unknown, estimated at 7,500 gallons</b>
<b>Substantial Threat:</b>	<b>None</b>
<b>Resource Affected:</b>	<b>Fall River</b>
<b>Source Identification:</b>	<b>Buried pit containing crude oil waste products</b>
<b>Demobilization Date:</b>	<b>N/A</b>
<b>Completion Date:</b>	<b>N/A</b>



### **III. SITE INFORMATION**

#### **A. Incident Category**

**Section 311(c) of the Clean Water Act, 33 U.S.C. 1321(c) as amended by the Oil Pollution Act of 1990.**

#### **B. Site Description**

**The South Dakota Department of Environment and Natural Resources has requested assistance from EPA at this Site. Utility companies have installed fiber optic cable and water lines at this Site, and encountered petroleum contamination. The contamination is believed to be from the former Hot Springs Oil Refinery.**

**The Hot Springs Refinery was open in 1932 and supported oil production activities in the Osage oil fields of Wyoming. Reportedly, all waste products from the refining process were disposed in earthen pits and covered with teakwood planks. The size of the pits are estimated to be 20 feet by 30 feet. The depth of the pits are unknown.**

**Refining operations ceased in the 1940s, but the Site continued to be used as a bulk petroleum storage business for another 50 years. State Highway 18 was constructed in 1962, and appears to have been constructed partly over the main waste pit.**

**The Fall River is approximately 550 feet from the Site. The responsible parties have not conducted any investigations to determine if the contamination has migrated to the river.**

### **IV. RESPONSE INFORMATION**

#### **A. Situation**

##### **1. Current situation**

**EPA and its START contractor will install monitoring wells and soil borings to determine if the petroleum contamination has migrated to the river.**

##### **2. Removal Actions to Date**

**No removal actions have been taken yet.**

**3. Enforcement**

**EPA will collect information on the responsible parties in the event a removal action is required.**

**B. Planned Removal Action**

**EPA's investigation will determine if a removal action is necessary.**

**C. Key Issues**

**There are no key issues identified at this time.**

**V. COST INFORMATION**

**EPA opened the fund on 5/4/01 for \$35,000 to respond to the release.**